



ROGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

1300 I STREET, N. W.
WASHINGTON, DC 20005-3315

202-408-4000
FACSIMILE 202-408-4400

AVENUE LOUISE 326, BOX 37
1050 BRUSSELS, BELGIUM
TELEPHONE 011-322-646-0353
FACSIMILE 011-322-646-2135

TORANOMON NO. 45 MORI BUILDING
THIRD FLOOR
1-5, TORANOMON 5-CHOME
MINATO-KU, TOKYO 105, JAPAN
TELEPHONE 011-813-3431-6943
FACSIMILE 011-813-3431-6945

WRITER'S DIRECT DIAL NUMBER:
(202) 408-4016

April 18, 1997

ATTORNEY DOCKET NO. 4995.0023

LINDA A. WADLER
LORI-ANN JOHNSON
R. BRUCE BOWER
THOMAS H. MARTIN
DAVID L. SOLTZ
LISA F. PELLER
THALIA V. WARNEMENT
MICHELE C. BOSCH
HOWARD W. LEVINE
LESLIE I. BOOKOFF
LINDA S. PAINE-POWELL
JOHN R. ALISON
BARBARA R. RUDDOLPH
JEFF E. SCHWARTZ
ANTHONY M. GUTOWSKI
STEPHEN G. KALINCHAK
HOWARD A. KWON
JULIA ANNE MATHESON
SIMON D. ROBERTS
L. SCOTT BURWELL
REL S. AMBROZY
CHELLIS E. NEAL
ALLEN M. LO
STEVEN MCCANN
KENNETH E. HORTON
MICHAEL A. MORIN
ROBERT L. BURNS
KATHLEEN M. OLSTER
DOUGLAS A. RETTEW
ESTHER H. LIM
MICHAEL T. SIEKMAN
JOHN R. THOMAS
CHRISTIE BATY HEINZE
WILLIAM F. RAUCHHOLZ
DAVID L. CLARK
FRANK A. DECOSTA III
MARCIA R. MORTON
B. BRETT HEAVNER
SIMONE L. LONIGAN
MICHAEL J. FLIBBERT

RICHARD L. RAINEY
STEVEN P. O'CONNOR
SCOTT A. HERBST
YORK M. FAULKNER
JACQUELINE M. RYALL
YITAI HU
MONICA B. RICHMAN
ALAN A. WRIGHT
MICHAEL V. KRULJAC
BRIAN P. KINNEAR
PAOLO M. TREVISAN
SCOTT H. BLACKMAN
ANDREW C. WARNECKE
EDWARD T. SAADI
BARRY D. BIDDLE
ANTHONY A. DREUX
MATTHEW DELGIORNO
ERIN M. HARRIMAN
ANITA VARMA

COUNSEL
ARTHUR J. LEVINE
GEORGE E. HUTCHINSON
HERBERT W. PATTERSON
WILLIAM T. MCCLAIN
WILFORD L. WISNER
ROBERT F. ZIEMS
ROBERT J. EICHELBERG
ERNEST F. CHAPMAN
WAYNE W. HERRINGTON
ROBERT A. CAHILL
LIAM O'GRADY
CHARLES E. VAN HORN
JAMES H. DAVIS
C. EDWARD GOOD
CHARLES S. HALL

PATENT AGENT
FRANK E. CAFFOE

*ADMITTED TO A BAR OTHER THAN DC

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Re: New U.S. Patent Application Claiming
the Benefit of U.S. Provisional Patent Application
Serial No. 60/015,657, filed April 19, 1996, and
U.S. Provisional Patent Application Serial No.
60/015,936, filed April 22, 1996
Title: Histidine-Tagged Intimin and Methods of Using
Intimin to Stimulate an Immune Response and
as an Antigen Carrier with Targeting Capability
Inventors: Marian L. McKEE et al.

Sir:

We enclose the following papers for filing in the United States Patent and
Trademark Office in connection with the above-identified patent application.

Application (94 total pages), which includes 1 cover page, 85 pages of
specification, 7 pages of claims (17 independent claims, 1 multiple dependent
claim, and 54 total claims), abstract, and 18 pages of informal drawings.

Assistant Commissioner for Pat nts

April 18, 1997

Page 2

A check for the filing fee of \$2,898.00.

United States Application Provisional Serial No. 60/015,657 (the '657 application) was filed on April 19, 1996, as a provisional application under 37 C.F.R. § 1.53(b)(2)(i). United States Application Provisional Serial No. 60/015,936 (the '936 application) was filed on April 22, 1996, as a provisional application under 37 C.F.R. § 1.53(b)(2)(i).

Applicants now file the present application and claim the benefit of the **provisional** '936 and '657 applications under 35 U.S.C. § 119(e)(1).

Please accord this application a serial number and filing date.

The Commissioner is hereby authorized to charge any fees due under 37 C.F.R. § 1.16 or § 1.17 (except the filing fee) during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By Jean B. Fordis
Jean B. Fordis
Reg. No. 32,984

JBK/KMO/lde

Enclosures (Application papers and filing fee check)